

FIG. 3

Prefetch (hint = refill way 0)

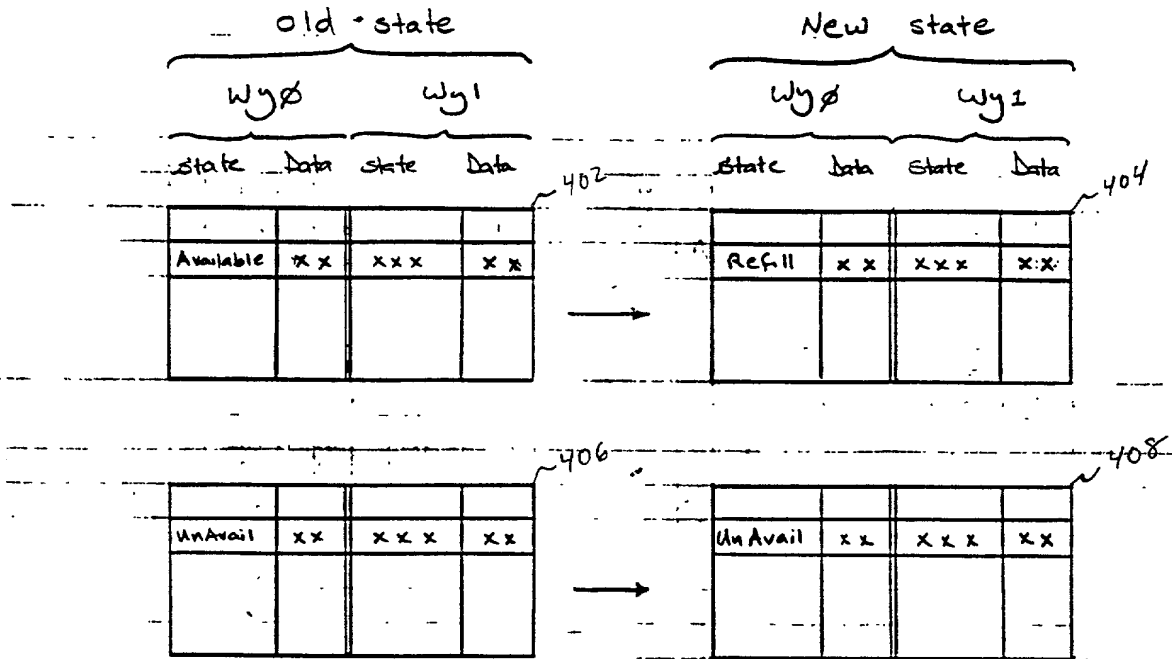


FIG. 4

Prefetch (hint = refill way 1)

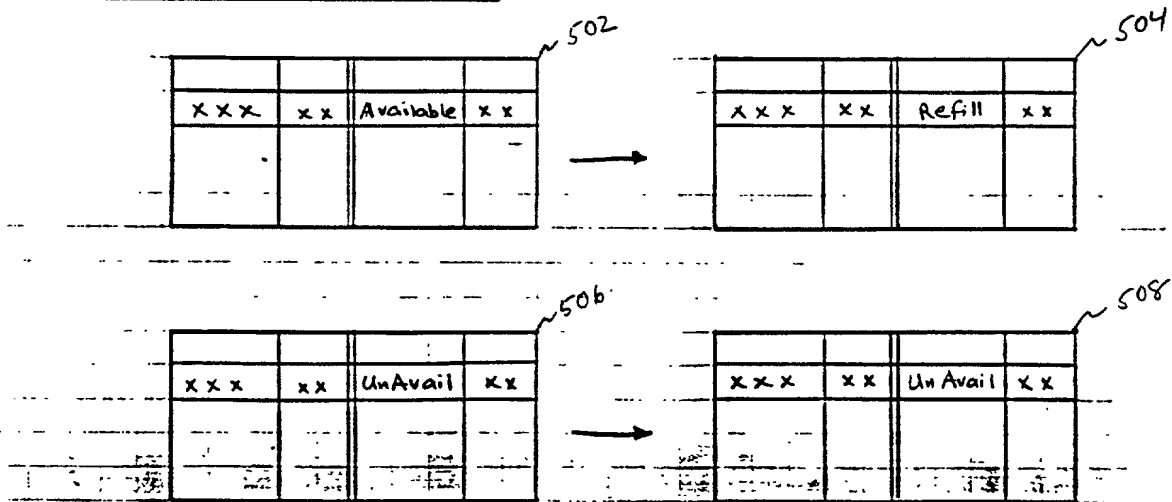
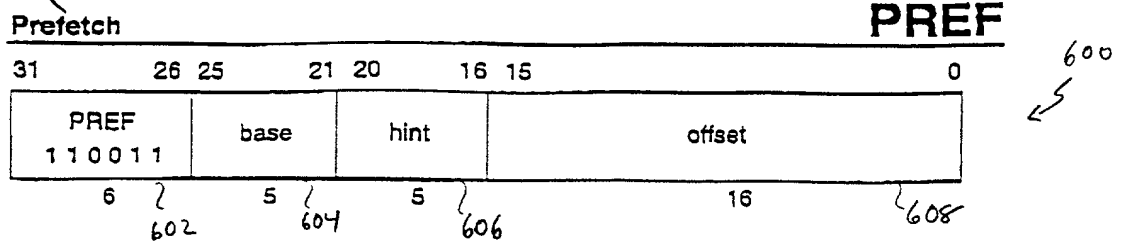
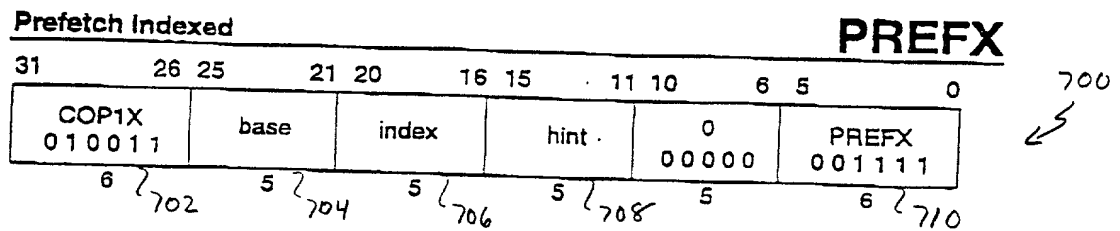


FIG. 5



Format: PREF hint, offset(base) **MIPS IV**
Purpose: To prefetch data from memory.
Description: prefetch_memory(base+offset)

Fig. 6



Format: PREFX hint, index(base) **MIPS IV**
Purpose: To prefetch locations from memory (GPR+GPR addressing).
Description: prefetch_memory[base+index]

Fig. 7

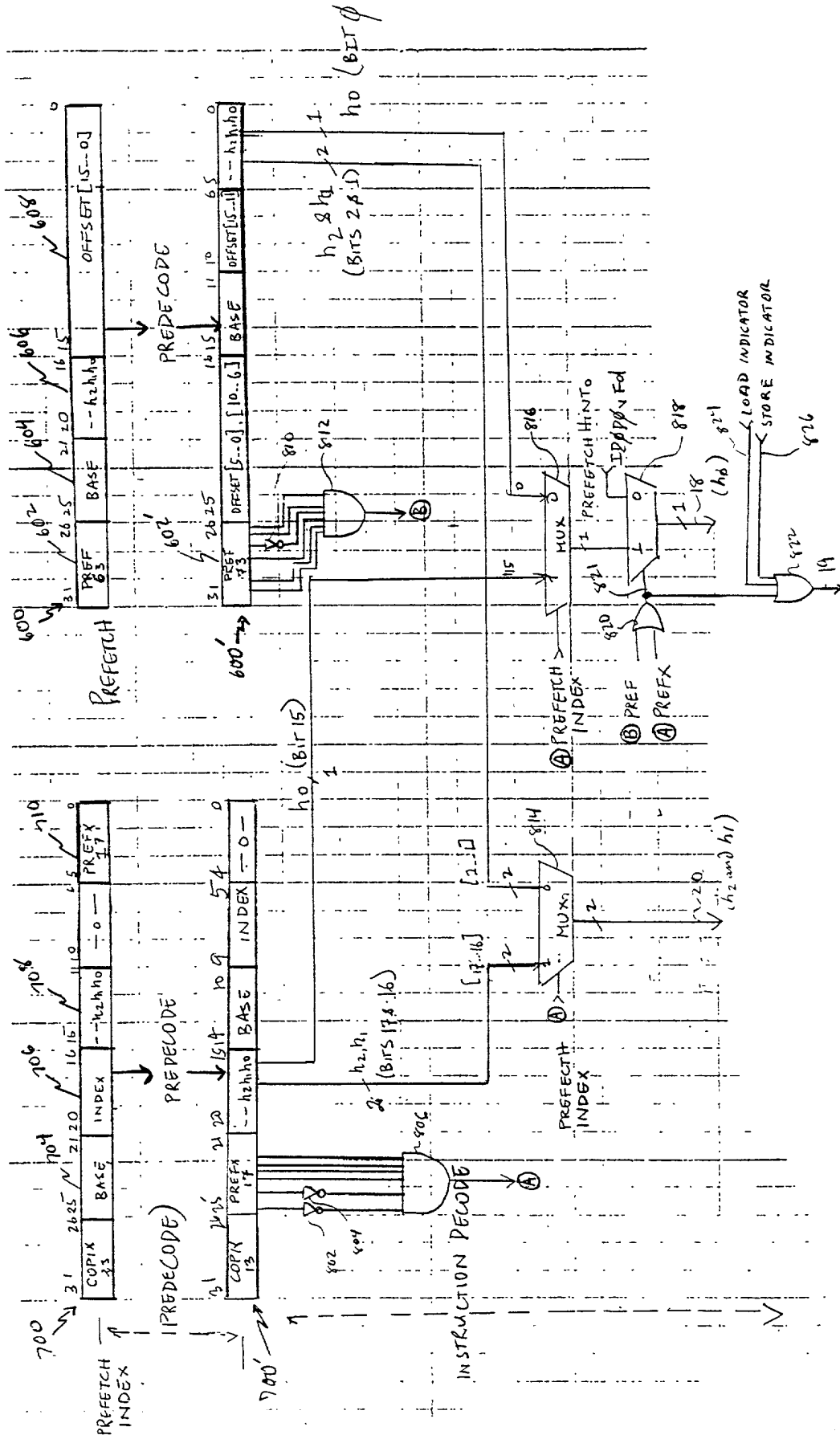


FIG. 8

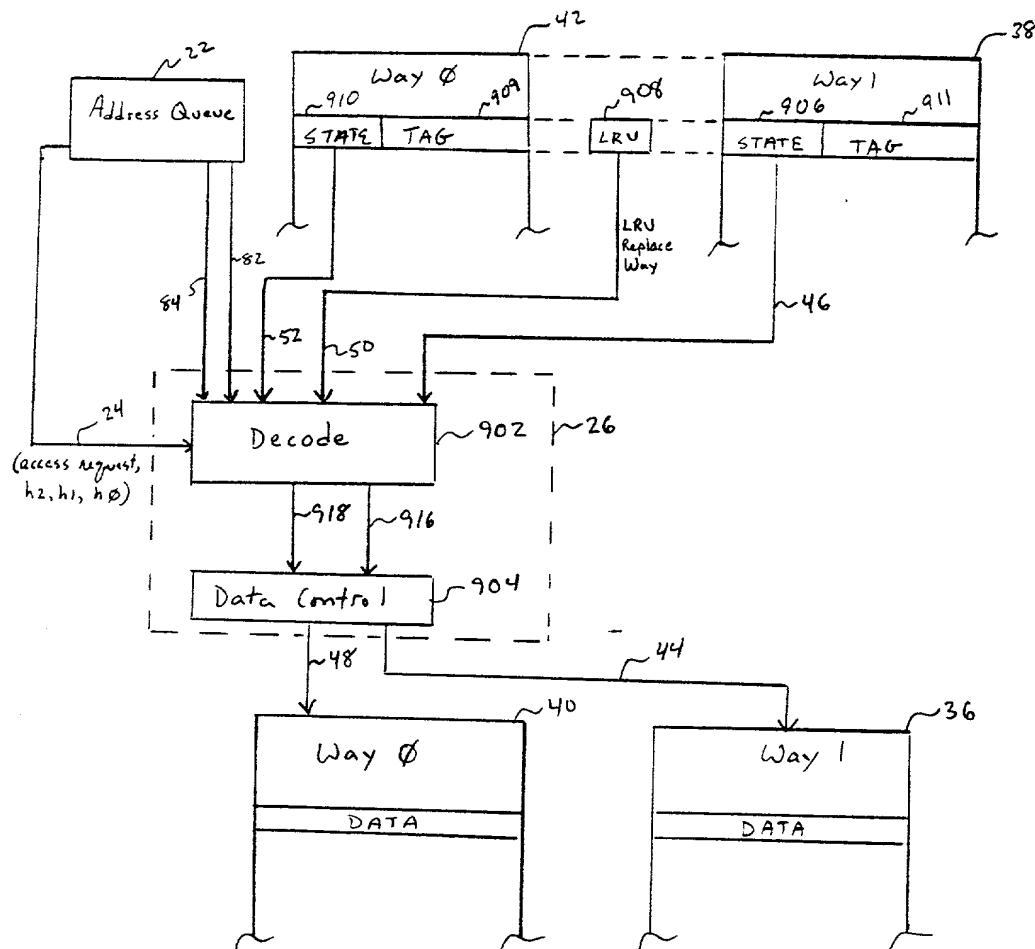
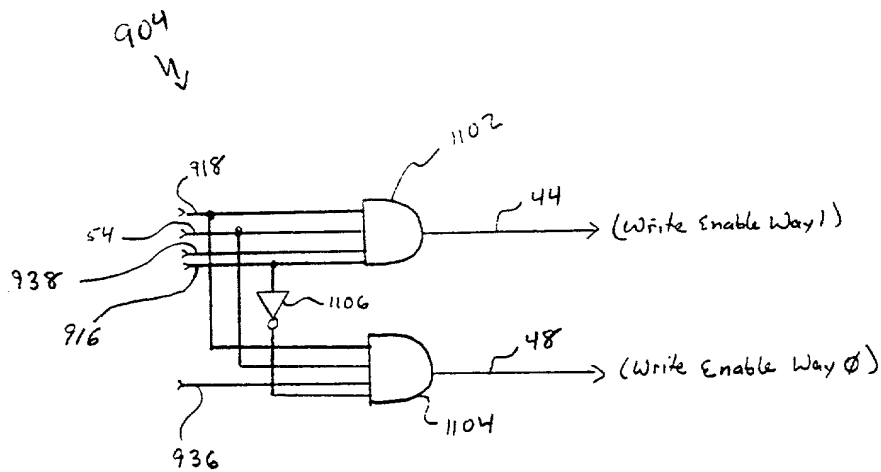
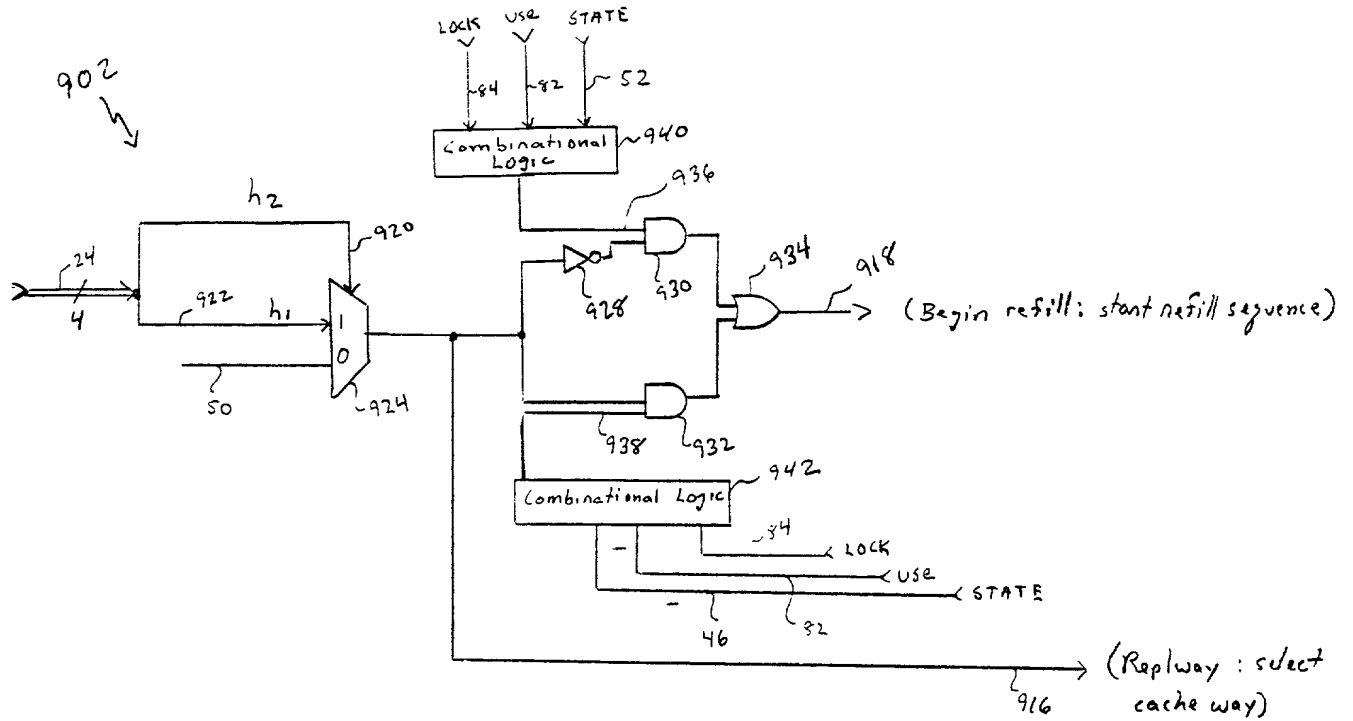


FIG. 9



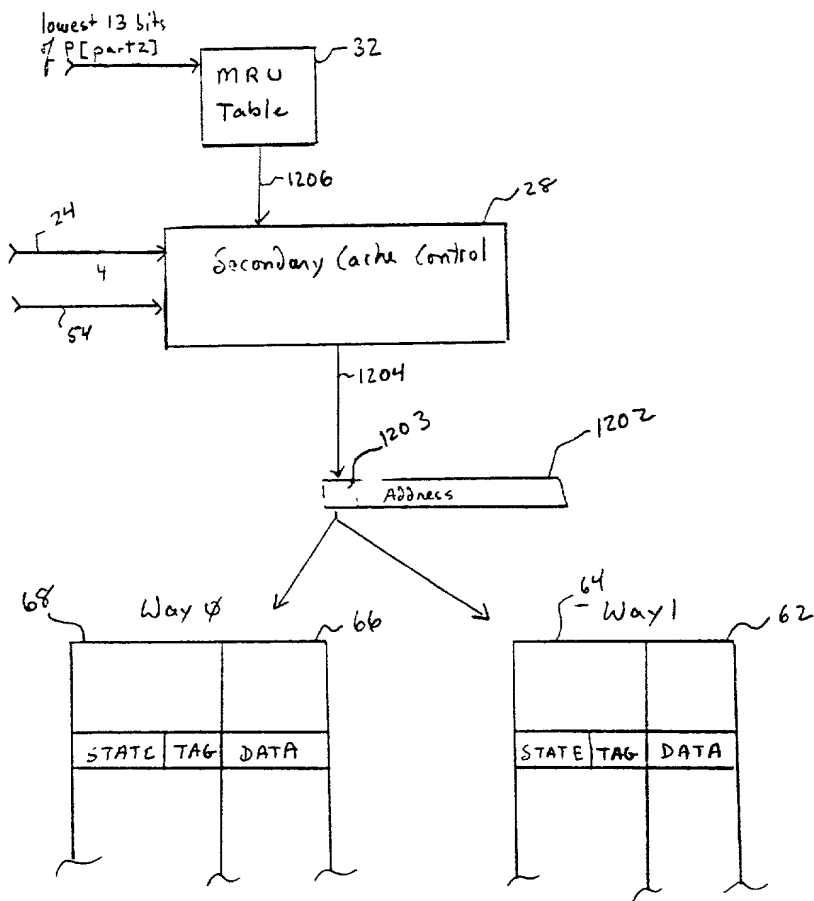


FIG. 12

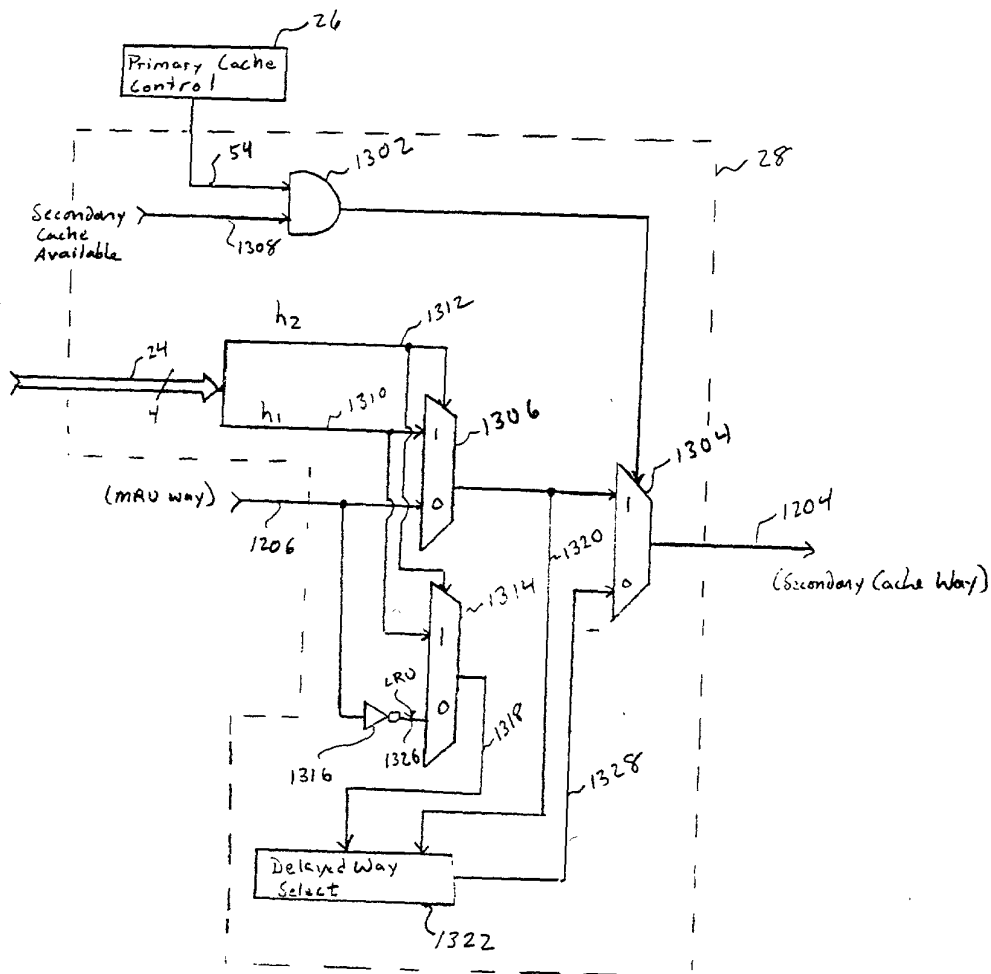


FIG. 13